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www.perkinscoie.comDATE: January 8, 2004 COVER SHEET & 8 PAGE(S)CLIENT NUMBER: 59034-8019.US01RETURN TO: (NAME) Sharon T. Yarborough (EXT.) 1779 (ROOM NO.) 800ORIGINAL DOCUMENT(S) WILL BE: ☐ SENT TO YOU ☐ HELD IN OUR FILES

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Examiner George P. Wyszomierski	US Patent & Trademark Office, Art Unit 1742		(703) 872-9306

RE: Serial No.: 09/991,464

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DATE: December 16, 2003 COVER SHEET & 7 PAGE(S)CLIENT NUMBER: 59034-8019.US01RETURN TO: (NAME) Sharon T. Yarborough (EXT.) 1779 (ROOM NO.) 800ORIGINAL DOCUMENT(S) WILL BE: ☐ SENT TO YOU ☒ HELD IN OUR FILES

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Examiner George P. Wyszomierski	U.S. Patent & Trademark Office, Art Unit 1742	(703) 308-2531	(703) 872-9039

RE: Serial No.: 09/991,464

CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8a)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is by transmitted by facsimile to Examiner George P. Wyszomierski of the United States Patent and Trademark Office at Art Unit 1742 at Fax No. 703-872-9039 on this 16th day of December, 2003.

Date: December 16, 2003

Sharon Yarbrough

PATENT

UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: JIN WOO CHEON ET AL.

SERIAL NO.: 09/991,464

FILED: NOVEMBER 21, 2001

FOR: METHOD FOR SYNTHESIS OF THE CORE-SHELL TYPE AND SOLID SOLUTION ALLOY TYPE METALLIC NANOPARTICLES VIA TRANSMETALATION REACTIONS AND APPLICATIONS OF SAME

EXAMINER: WYSZOMIERSKI, GEORGE P.

ART UNIT: 1742

CONFIRMATION NO.: 3776

ATTY. DKT NO.: 59034-8019.US01

Mail Stop: Box No-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Arlington, VA 22313-1450

TRANSMITTAL

- ☒ Transmitted herewith are the following documents for the above-referenced application:
- ☒ Amendment A

STATUS

- ☒ Applicant is:
- ☒ small entity.

EXTENSION OF TIME

- ☐ Applicant petitions for an extension of time under 37 CFR 1.136 for the total number of months checked below:

Extension (months)	Fee for other than small entity	Fee for small entity
<input type="checkbox"/> one month	\$ 110.00	\$ 55.00
<input type="checkbox"/> two months	\$ 420.00	\$210.00

- ☒ Applicant believes that no extension of time is required. However, this conditional petition is hereby made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.
- ☒ If an additional extension of time is required please consider this a petition therefor.

- ☐ An extension for ___ months has already been secured and the fee paid therefor of \$0.00 is deducted from the total fee due for the total months of extension now requested: No Extension fee due with this request

FEE FOR CLAIMS

- ☐ The fee for claims (37 CFR 1.16(b)-(d)) has been calculated as shown below:

(Col. 1)		(Col. 2)		(Col. 3)	SMALL ENTITY Filing Fee: \$385.00	OR	OTHER THAN A SMALL ENTITY Filing Fee: \$770.00		
Claims Remaining After Amendment		Highest No. Previously Paid For		Present Extra	Rate	Addit. Fee	Rate	Addit. Fee	
Total	Minus	9	=		x9=	\$	x18=	\$0	
* Indep.	Minus	3	=		x43=	\$	x86=	\$0	
☐ FIRST PRESENTATION OF MULTIPLE DEP. CLAIM					+145=	\$	x290=	\$0	
					TOTAL ADDIT. FEE	\$	OR	TOTAL ADDIT. FEE	\$0

- ☒ No additional fee for claims required.
☐ Total additional fee for claims required \$0.00

FEE PAYMENT

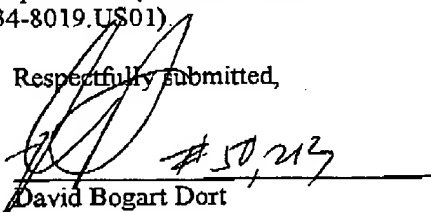
- ☐ Charge Account No. 50-2283 the sum of \$ ____.

FEE DEFICIENCY

- ☒ The Commissioner is authorized to charge any required fees, additional fees, or credit any overpayment to Deposit Account 50-2283 (59034-8019.US01)

Respectfully Submitted,

Date: December 16, 2003


 David Bogart Dort
 Reg. No. 50,213

Correspondence Address:

Customer No.: 37815
 PERKINS COIE LLP
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 Washington, DC 20044-4405
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Attorney Docket No. 59034-8019.USD1

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Date: December 16, 2003 By: Sharon Yarbrough
Sharon Yarbrough

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EXAMINER: WYSZOMIERSKI, GEORGE P.

ART UNIT: 1742

CONFIRMATION NO.: 3776

ATTY. DKT. NO.: 59034-8019

Amendment AMail Stop: Box No-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Arlington, VA 22313-1450

Sir:

This amendment and remarks is in further response to the Office Action dated October 1, 2003 in the above-identified application. Please enter the following amendments and consider the following remarks. The amendments to the claims begin on page 2 and the remarks begin on page 4.